

Amendments to and Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-14 (previously canceled)

Claim 15 (currently amended) A method of making an electronic module, comprising:
providing an integrated circuit, wherein the integrated circuit comprises a top face and a bottom face;
creating a first layer of insulation on at least some portions of the top face of the integrated circuit;
creating a ~~multi-layer~~ redistributed surface on the top face of the integrated circuit, including;
 creating a redistribution layer comprising at least a layer of conductive redistribution material above at least some portions of the top face of the integrated circuit, which redistribution layer is electrically connected to the integrated circuit and includes conductive traces, mounting pads, and interconnect pads;
 using at least some of the traces to position at least some of the interconnect pads along at least one edge of the ~~multi-layer~~ redistributed surface;
 creating a layer of insulation above at least some portions of the redistribution layer;
 mounting at least one secondary component to at least one mounting pad;
 securing the ~~bottom face of the~~ integrated circuit to a substrate, which substrate includes electrical traces, wherein at least one trace terminates along at least one edge of the substrate; and
 electrically connecting at least one interconnect pad along at least one edge of the ~~multi-layer~~ redistributed surface and at least one trace along at least one edge of the substrate, thereby electrically connecting the substrate to the integrated circuit,
wherein creating the redistribution layer comprises:
creating a first layer of bond material on at least some portions of the top face of the integrated circuit;

creating a layer of conductive redistribution material on at least some portions of the first bond layer; and
creating a second layer of bond material on at least some portions of the redistribution material.

Claim 16 (previously presented) The method of claim 15 further comprising electrically connecting additional components to at least the top face of the integrated circuit to form an electronics package of a microstimulator.

Claim 17 (currently amended) The method of claim 15 further comprising
providing a core comprising two separate halves;
securing one core half to the ~~multi-layer~~ redistributed surface of the integrated circuit;
securing one core half to a portion of the substrate; and
winding a wire around the core halves to create a coil assembly.

Claim 18 (original) The method of claim 17 wherein the core, when the two halves are assembled, is a dumbbell shape.

Claim 19 (original) The method of claim 15 wherein the at least one secondary component is at least one of a diode, a capacitor, a power source, and a coil.

Claims 20-21 (canceled)

Claim 22 (currently amended) The method of ~~claim 21~~ claim 15 wherein the first bond layer covers portions of the top face of the integrated circuit and portions of the first insulation layer, and wherein the conductive redistribution material covers the first bond layer, and wherein the second bond layer covers the redistribution material.

Claim 23 (currently amended) The method of ~~claim 21~~ claim 15 wherein the ~~multi-layer~~ redistributed surface comprises at least one of copper, polyimide, gold, and titanium tungsten.

Claim 24 (currently amended) The method of ~~claim 20~~ claim 15 further comprising:
creating a grounding layer comprising at least a layer of shielding material above
at least some portions of the integrated circuit.

Claim 25 (original) The method of claim 24 wherein creating a grounding layer comprises:
creating a first layer of grounding bond material on at least some portions of the
integrated circuit;
creating a layer of shielding material on at least some portions of the first
grounding bond layer; and
creating a second layer of grounding bond material on at least some portions of
the shielding material.

Claim 26 (previously presented) The method of claim 25 wherein the first layer of grounding
bond material covers portions of the top face of the integrated circuit and portions of the first
insulation layer, and wherein the layer of shielding material covers the first grounding bond layer,
and wherein the second grounding bond layer covers the layer of shielding material.

Claim 27 (original) The method of claim 15 wherein at least a portion of the post-processing
is performed on a wafer containing multiple integrated circuits.

Claims 28-32 (previously canceled)